

Utah's Vital Statistics
Abortions
1998

Center for Health Data
Office of Vital Records and Statistics



Utah's Vital Statistics
Births and Deaths
1998

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MISSION STATEMENT

The Office of Vital Records and Statistics
administers the statewide system of Vital Records and Statistics by
documenting and certifying the facts of births, deaths and family formation for
the legal purposes of the citizens of Utah,
participates in the National Vital Statistics Systems, and
responds to the needs of health programs, health care providers, businesses,
researchers, educational institutions and the Utah public for
data and statistical information.

Preface

This 1998 report is the twenty-first in a series on legally induced abortions in Utah. Previous reports were for the years 1974-1975, 1975-1977, 1978-1980, and each year since 1981.

These tabulations are published annually to make commonly used vital records data available to health programs, health care providers, businesses, researchers, educational institutions and the Utah public. Data are presented for the state, the local health districts, and the counties. If you have comments or suggestions about the content and/or format of this report, please address them to one of the addresses on the title page.

This report is processed by the staff of the Office of Vital Records and Statistics under the direction of Barry Nangle, Ph.D., Director. Jeff Duncan was primarily responsible for preparation of the statistical tabulations and the manuscript was prepared for printing by Cynthia Robison.



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1998 Summary Tables:
Abortions



Table 1. Estimated population, females ages 15-44, resident live births, abortions, and abortion rates and ratios: Utah, 1980-1998

Year	Population projections/estimates females ages 15-44 ¹	Resident births	Abortions			
			Occurrence number	Residents number	Rate ²	Ratio ³
1980**	339,799	41,786	4,086	3,821	11.2	91.4
1981*	351,700	41,286	3,842	3,576	10.2	86.6
1982*	361,040	41,537	3,987	3,806	10.5	91.6
1983*	368,973	39,441	3,775	3,587	9.7	90.9
1984*	374,597	38,286	4,022	3,877	10.3	101.3
1985*	378,827	37,441	4,129	3,928	10.4	104.9
1986*	382,834	36,383	4,450	4,157	10.9	114.3
1987*	385,698	35,285	4,732	4,191	10.9	118.8
1988*	387,881	36,040	4,732	4,149	10.7	115.1
1989*	390,989	35,558	4,950	4,305	11.0	121.1
1990***	395,781	36,253	4,796	4,159	10.5	114.7
1991***	409,884	36,019	4,213	3,759	9.2	104.4
1992***	422,735	37,198	3,941	3,525	8.3	94.8
1993***	435,701	37,048	3,945	3,615	8.3	97.6
1994***	450,381	38,271	3,610	3,304	7.3	86.3
1995***	462,767	39,554	3,705	3,292	7.1	83.2
1996***	474,584	42,056	3,639	3,293	6.9	78.3
1997***	485,705	43,009	3,408	3,140	6.5	73.0
1998	497,782	45,128	3,487	3,237	6.5	71.7

¹Population projections/estimates are revised as historical data becomes available and the rates may not agree with previous reports.

²Rates are per 1,000 females 15 to 44 years of age.

³Ratios are per 1,000 live births.

*Rates for years prior to 1990 are not updated annually. The population source is the unpublished July 1 historical estimates/projections from the Economic and Demographic Analysis section of the Governor's Office of Planning and Budget, January 1993 and September 1994.

**The source for population is the April 1 U.S. Census MARS population.

***The source for population is the Demographic and Economic Analysis section of the Governor's Office of Planning and Budget at internet site http://www.qget.state.ut.us/projections/Downloads/DownloadArea/SYA_Files/, May 9, 1997.

Table 2. Abortions occurring in Utah by state of residence: 1998

State of Residence	Frequency	Percent
Total	3,497	100.0
Alaska	1	0.0
Arizona	1	0.0
California	1	0.0
Colorado	1	0.0
Idaho	92	2.6
Illinois	1	0.0
Montana	2	0.1
Nebraska	1	0.0
Nevada	25	0.7
New Hampshire	1	0.0
New York	1	0.0
Oregon	1	0.0
Pennsylvania	1	0.0
Utah	3,237	92.6
Wyoming	128	3.7
Rest of World	2	0.1
Unknown	1	0.0

Table 3. Abortions, live births and abortion ratios by health district and county of residence: Utah, 1980 and 1985-1998

District and residence	1998		Abortion ratios ¹ by year														
	Births	tions	1998	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993 ²	1994	1995 ²	1996	1997
Total	45,128	3,237	71.7	91.4	104.9	114.3	118.8	115.1	121.1	114.7	104.4	94.8	97.6	86.3	83.2	78.3	73.0
Bear River	2,982	116	38.9	57.3	59.1	68.3	54.7	61.6	68.8	60.9	52.1	52.7	44.2	44.0	37.3	33.1	36.7
Box Elder	813	36	44.3	35.5	57.0	52.2	38.4	47.7	52.9	29.4	40.4	41.4	35.1	38.0	21.5	28.6	26.4
Cache	2,144	80	37.3	69.3	61.1	77.9	63.9	68.5	76.9	74.7	58.0	56.3	47.9	46.9	43.3	35.1	40.9
Rich	25	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Central Utah	1,128	23	20.4	21.9	38.0	29.5	27.8	30.8	35.8	36.7	46.2	40.4	31.7	29.2	29.5	24.8	14.7
Juab	192	6	--	46.4	57.6	66.7	--	--	--	--	--	--	--	--	--	--	--
Millard	196	6	--	--	42.2	29.0	--	--	52.6	30.4	33.3	--	--	36.5	51.0	--	--
Plute	18	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sanpete	368	7	19.0	18.0	30.3	--	30.6	37.5	35.9	26.9	65.6	37.9	--	30.1	21.9	21.2	--
Sevier	316	4	--	18.9	31.4	24.1	42.7	--	--	44.0	34.5	54.2	59.8	31.0	33.7	31.7	--
Wayne	38	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Davis	4,678	265	56.6	72.3	81.6	102.4	97.2	89.0	93.2	85.5	82.4	67.5	70.6	65.8	62.9	62.1	56.7
Salt Lake	17,362	2,129	122.6	145.4	165.4	174.1	183.9	176.0	190.1	181.0	163.2	145.2	156.0	141.4	139.9	129.0	125.1
Southeastern	926	39	42.1	51.1	81.3	67.7	76.2	101.9	93.3	87.6	64.5	92.3	115.1	44.2	44.4	36.4	35.6
Carbon	345	30	87.0	68.3	118.6	89.6	115.3	162.9	134.9	128.0	99.1	159.6	155.4	86.5	77.7	75.9	64.6
Emery	176	5	--	33.3	56.9	27.7	40.2	74.9	70.4	--	--	--	69.2	--	--	--	--
Grand	116	4	--	121.8	87.0	173.6	144.1	173.9	219.0	183.5	147.7	234.0	282.1	--	70.7	--	--
San Juan	289	0	--	--	46.1	31.5	30.6	44.9	31.8	57.6	30.8	42.5	50.9	--	--	--	--
Southwest	2,750	7	2.5	6.9	8.6	11.4	14.2	6.9	13.9	12.7	7.3	6.5	8.8	5.4	5.1	6.8	2.7
Beaver	129	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Garfield	84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	747	2	--	--	--	16.3	21.2	--	--	--	--	--	--	--	--	12.9	--
Kane	93	1	--	--	--	--	80.5	--	--	--	--	--	--	--	--	--	--
Washington	1,697	1	--	--	8.1	--	--	--	--	--	--	--	11.0	5.7	--	--	--
Summit	409	97	237.2	273.4	270.7	320.2	434.0	375.0	353.7	349.4	340.4	319.3	247.7	245.1	282.7	211.2	231.3
Tooele	725	49	67.6	77.5	127.0	136.5	146.0	144.4	148.6	94.9	119.0	142.9	122.7	99.8	94.6	83.6	59.6
Uintah Basin	712	16	22.5	49.7	58.8	64.0	53.6	75.2	67.1	72.5	53.4	51.3	48.0	52.2	29.1	31.8	22.6
Daggett	10	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Duchesne	253	9	35.6	35.9	52.1	35.7	48.9	31.1	68.8	35.3	56.9	44.4	--	48.8	--	27.7	--
Uintah	449	5	--	58.9	63.1	79.9	57.8	107.5	67.9	92.4	48.6	56.3	59.0	53.3	38.8	32.3	21.8
Utah County	9,232	203	22.0	21.1	30.1	32.9	36.0	34.7	34.6	32.4	30.2	30.8	27.7	28.1	23.6	30.1	21.4
Wasatch	269	15	55.8	104.5	52.9	69.3	55.8	138.7	87.6	105.0	75.3	75.6	46.6	--	41.5	34.6	45.6
Weber-Morgan	3,955	278	70.3	122.4	116.8	138.9	138.0	141.5	134.6	129.6	122.8	108.6	107.3	88.9	86.2	78.9	79.1
Morgan	116	5	--	--	--	--	--	95.2	--	--	--	--	--	--	96.8	--	--
Weber	3,839	273	71.1	125.3	119.3	141.2	141.0	142.8	137.4	132.5	125.3	110.9	109.3	91.2	85.9	79.9	80.1

¹Ratios are per 1,000 live births and are not computed for fewer than seven events.²Abortions ratios for data years 1993 and 1995 may change slightly because birth data for these years are updated. These updates can be viewed at the Office of Vital Records and Statistics' internet site at <http://www.health.state.ut.us/bvr/html/tables.html>.

Table 4a. Abortions, live births and ratios by marital status, residents: Utah, 1979-1998

Marital status	Year									
	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Total*										
Induced abortions	3,489	3,821	3,576	3,806	3,587	3,877	3,928	4,157	4,191	4,149
Live births	41,078	41,786	41,286	41,537	39,441	38,286	37,441	36,383	35,285	36,040
Ratio per 1,000 live births	84.9	91.4	86.6	91.6	90.9	101.3	104.9	114.3	118.8	115.1
Married**										
Induced abortions	883	975	805	701	608	782	846	865	816	740
Live births	38,762	39,181	38,592	38,638	36,479	35,195	34,366	33,092	31,372	31,822
Ratio per 1,000 live births	22.8	24.9	20.9	18.1	16.7	22.2	24.6	26.1	26.0	23.3
Unmarried***										
Induced abortions	2,555	2,820	2,757	3,036	2,901	3,091	3,075	3,291	3,303	3,317
Live births	2,316	2,605	2,694	2,899	2,962	3,958	3,259	3,567	3,913	4,218
Ratio per 1,000 live births	1,003.2	1,082.5	1,023.4	1,047.3	979.4	1,045.0	943.5	922.6	844.1	786.4

Table 4b.

Marital status	Year									
	1989	1990	1991	1992	1993 ¹	1994	1995 ¹	1996	1997	1998
Total*										
Induced abortions	4,305	4,159	3,759	3,525	3,615	3,304	3,292	3,293	3,140	3,237
Live births	35,558	36,253	36,019	37,198	37,048	38,271	39,554	42,056	43,009	45,128
Ratio per 1,000 live births	121.1	114.7	104.4	94.8	97.6	86.3	83.2	78.3	73.0	71.7
Married**										
Induced abortions	844	774	853	914	920	862	786	754	794	860
Live births	31,056	31,343	30,823	31,567	31,325	32,269	33,338	35,231	35,864	37,388
Ratio per 1,000 live births	27.2	24.7	27.7	29.0	29.4	26.7	23.6	21.4	22.1	23.0
Unmarried***										
Induced abortions	3,443	3,351	2,893	2,598	2,683	2,423	2,494	2,515	2,329	2,357
Live births	4,502	4,910	5,196	5,631	5,723	6,002	6,216	6,825	7,145	7,740
Ratio per 1,000 live births	764.8	682.5	556.8	461.4	468.8	403.7	401.2	368.5	326.0	304.5

¹Abortion ratios for data years 1993 and 1995 may change slightly because birth data for these years are updated. These updates can be viewed at the Office of Vital Records and Statistics' internet site at <http://www.health.state.ut.us/bvr/html/tables.html>.

*Women with marital status unknown are included in the annual totals but are not distributed.

**The sum of women who are married plus women who are separated.

***The sum of women who are widowed, divorced and those who have never married.

Table 5. Age-specific abortion rates, residents: Utah, 1975-1998

Year	Total all ages ¹	Age of woman ¹					
		15-19	20-24	25-29	30-34	35-39	40-44
1975*	7.2	9.9	11.2	6.9	3.9	2.5	0.8
1976*	8.2	10.8	12.9	8.0	4.7	2.7	1.2
1977*	9.4	12.4	14.3	9.4	5.8	3.3	1.3
1978*	9.3	11.3	14.8	9.9	5.3	3.2	1.1
1979*	10.6	13.4	16.7	10.8	6.0	3.9	1.5
1980**	11.2	13.5	16.8	12.8	7.4	3.8	1.1
1981*	10.2	12.3	16.5	11.2	7.1	3.0	1.4
1982*	10.5	12.5	17.4	12.2	7.5	3.5	0.8
1983*	9.7	11.5	16.1	11.1	7.1	3.7	1.1
1984*	10.3	12.5	17.7	12.7	6.4	3.5	1.5
1985*	10.4	12.2	17.8	11.7	7.8	4.3	1.3
1986*	10.9	13.3	18.6	12.8	8.2	4.2	1.0
1987*	10.9	13.2	18.3	13.5	8.3	4.4	1.6
1988*	10.7	13.6	18.5	13.3	7.7	4.2	1.4
1989*	11.0	13.4	19.7	13.9	8.5	4.3	1.2
1990**	10.5	12.6	19.7	13.2	7.8	4.1	1.5
1991***	9.2	10.7	16.8	11.6	7.1	4.0	1.3
1992***	8.3	8.6	15.3	11.5	6.5	4.0	1.1
1993***	8.3	8.3	14.9	12.0	6.5	3.9	1.2
1994***	7.3	7.1	12.6	10.6	6.5	3.8	1.3
1995***	7.1	6.3	12.3	11.0	6.6	3.7	1.2
1996***	6.9	6.6	12.3	9.7	6.9	3.2	1.3
1997***	6.4	5.7	9.4	8.2	6.0	3.5	1.2
1998***	6.5	5.8	10.7	9.1	7.1	3.4	1.2

¹Rates for total all ages are per 1,000 females 15 to 44 years of age and the abortion component includes women less than 15 years of age, 45 years and older and age unknown.

*Rates for years prior to 1990 are not updated annually. The population source is the unpublished July 1 historical estimates/projections from the Demographic and Economic Analysis section of the Governor's Office of Planning and Budget, January 1993 and September 1994.

**The population source is the April 1 U.S. Census MARS population.

***The population source is the Demographic and Economic Analysis section of the Governor's Office of Planning and Budget at internet site http://www.qget.state.ut.us/projections/Downloads/DownloadArea/SYA_Files/, May 9, 1997.

Table 6. Population for females 15 to 44 years of age, residents: Utah, 1990-1998

Year	Total all ages	Five year age groups (15 to 44 years of age)					
		15-19	20-24	25-29	30-34	35-39	40-44
1990	395,781	76,813	69,524	68,102	69,158	61,710	50,474
1991	409,884	77,916	74,967	66,719	71,138	64,468	54,676
1992	422,735	82,409	78,270	66,218	72,031	67,511	56,296
1993	435,701	86,766	81,783	65,811	72,966	69,642	58,733
1994	450,381	91,341	84,308	67,753	73,470	71,684	61,825
1995	462,767	95,688	85,520	70,999	72,678	73,308	64,574
1996	474,584	99,482	86,364	75,714	70,808	75,016	67,200
1997	485,705	100,102	91,149	78,301	70,090	75,825	70,238
1998	497,782	100,872	96,113	81,492	69,771	76,946	72,588

The population source is the Demographic and Economic Analysis section of the Governor's Office of Planning and Budget at internet site http://www.qget.state.ut.us/projections/Downloads/DownloadArea/SYA_Files/, May 9, 1997.

Note: The baselines for population data were produced in December of 1996, and the last year of historical population data is 1996. The 1997 and 1998 population data are projections.



1998 Reference Tables:
Abortions



Table R1. Abortion by health district, county of residence of woman and place of occurrence: Utah 1998

District and County	Total	Place of Occurrence	
		Salt Lake	Out of State
Total	3,497	3,487	10
Bear River	116	116	0
Box Elder	36	36	0
Cache	80	80	0
Rich	0	0	0
Central Utah	23	23	0
Juab	6	6	0
Millard	6	6	0
Plute	0	0	0
Sanpete	7	7	0
Sevier	4	4	0
Wayne	0	0	0
Davis	265	263	2
Salt Lake	2,128	2,124	4
Southeastern	39	39	0
Carbon	30	30	0
Emery	5	5	0
Grand	4	4	0
San Juan	0	0	0
Southwest	7	7	0
Beaver	3	3	0
Garfield	0	0	0
Iron	2	2	0
Kane	1	1	0
Washington	1	1	0
Summit	97	96	1
Tooele	49	48	1
Uintah Basin	16	16	0
Daggett	2	2	0
Duchesne	9	9	0
Uintah	5	5	0
Utah County	203	202	1
Wasatch	15	15	0
Weber-Morgan	278	278	0
Morgan	5	5	0
Weber	273	273	0
Out of State	260	260	0

Note: Out-of-state occurrences to residents of Utah include: Georgia, 1; Idaho, 3; Kansas, 1; Kentucky, 1; Nebraska, 1; New Mexico, 1; Oregon, 1; Washington, 1.

Table R2. Abortions by health district, county of residence and age of woman: Utah, 1998

District and County	Total	Under 15	Age of Woman										Un- known
			15 to 19			20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 and over		
			Total	15 to 17	18 to 19								
Total	3,237	25	588	194	394	1,027	745	494	259	90	9	0	
Bear River	116	0	24	7	17	39	24	13	11	3	2	0	
Box Elder	36	0	7	3	4	8	8	5	6	1	1	0	
Cache	80	0	17	4	13	31	16	8	5	2	1	0	
Rich	0	0	0	0	0	0	0	0	0	0	0	0	
Central Utah	23	2	6	3	3	8	3	1	3	0	0	0	
Juab	6	0	1	1	0	3	1	0	1	0	0	0	
Millard	6	1	2	2	0	1	0	1	1	0	0	0	
Piute	0	0	0	0	0	0	0	0	0	0	0	0	
Sanpete	7	0	3	0	3	3	0	0	1	0	0	0	
Sevier	4	1	0	0	0	1	2	0	0	0	0	0	
Wayne	0	0	0	0	0	0	0	0	0	0	0	0	
Davis	265	3	60	17	43	87	56	41	11	7	0	0	
Salt Lake	2,129	12	359	121	238	675	514	328	164	71	6	0	
Southeastern	39	0	8	0	8	15	6	8	1	1	0	0	
Carbon	30	0	6	0	6	10	5	7	1	1	0	0	
Emery	5	0	2	0	2	1	1	1	0	0	0	0	
Grand	4	0	0	0	0	4	0	0	0	0	0	0	
San Juan	0	0	0	0	0	0	0	0	0	0	0	0	
Southwest	7	1	2	1	1	3	1	0	0	0	0	0	
Beaver	3	1	1	1	0	1	0	0	0	0	0	0	
Garfield	0	0	0	0	0	0	0	0	0	0	0	0	
Iron	2	0	0	0	0	1	1	0	0	0	0	0	
Kane	1	0	1	0	1	0	0	0	0	0	0	0	
Washington	1	0	0	0	0	1	0	0	0	0	0	0	
Summit	97	0	13	4	9	19	24	26	13	1	1	0	
Tooele	49	0	16	8	8	10	9	10	4	0	0	0	
Tri-County	16	1	0	0	0	4	5	2	4	0	0	0	
Daggett	2	0	0	0	0	1	0	0	1	0	0	0	
Duchesne	9	0	0	0	0	2	2	2	3	0	0	0	
Uintah	5	1	0	0	0	1	3	0	0	0	0	0	
Utah County	203	1	39	12	27	61	52	29	18	3	0	0	
Wasatch	15	0	2	0	2	4	2	4	3	0	0	0	
Weber-Morgan	278	5	59	21	38	102	49	32	27	4	0	0	
Morgan	5	0	2	1	1	1	1	1	0	0	0	0	
Weber	273	5	57	20	37	101	48	31	27	4	0	0	

Table R3. Abortions by health district, county of residence and month of occurrence: Utah 1998

District and County	Total	Month of Occurrence											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	3,237	324	275	267	282	278	265	250	274	259	267	236	260
Bear River	116	9	10	11	10	10	7	7	9	13	11	14	5
Box Elder	36	3	2	3	2	2	2	2	1	5	4	6	4
Cache	80	6	8	8	8	8	5	5	8	8	7	8	1
Rich	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	23	3	3	0	3	1	1	2	2	4	2	0	2
Juab	6	2	1	0	1	0	0	0	0	1	1	0	0
Millard	6	0	0	0	1	1	1	0	1	2	0	0	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	7	1	1	0	1	0	0	1	0	1	1	0	1
Sevier	4	0	1	0	0	0	0	1	1	0	0	0	1
Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis	265	24	25	19	21	26	25	21	21	26	19	21	17
Salt Lake	2,129	211	184	177	172	186	185	167	182	159	175	164	167
Southeastern	39	6	2	5	6	0	4	4	0	0	8	2	2
Carbon	30	4	2	4	4	0	3	2	0	0	7	2	2
Emery	5	1	0	1	2	0	1	0	0	0	0	0	0
Grand	4	1	0	0	0	0	0	2	0	0	1	0	0
San Juan	0	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	7	1	0	1	1	1	2	0	0	0	0	0	1
Beaver	3	0	0	1	1	0	0	0	0	0	0	0	1
Garfield	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron	2	1	0	0	0	1	0	0	0	0	0	0	0
Kane	1	0	0	0	0	0	1	0	0	0	0	0	0
Washington	1	0	0	0	0	0	1	0	0	0	0	0	0
Summit	97	12	10	7	9	8	3	7	8	5	6	8	14
Tooele	49	9	3	2	3	2	7	2	5	4	4	2	6
Tri-County	16	0	3	3	1	1	0	1	1	2	2	0	2
Daggett	2	0	0	0	0	0	0	1	0	1	0	0	0
Duchesne	9	0	2	1	0	0	0	0	1	1	2	0	2
Uintah	5	0	1	2	1	1	0	0	0	0	0	0	0
Utah County	203	23	10	15	27	16	13	17	18	19	19	9	17
Wasatch	15	0	1	1	0	2	0	3	2	2	1	2	1
Weber-Morgan	278	26	24	26	29	25	18	19	26	25	20	14	26
Morgan	5	0	1	0	1	1	0	0	1	0	0	1	0
Weber	273	26	23	26	28	24	18	19	25	25	20	13	26

Table R4. Abortions by age and marital status of woman, residents: Utah, 1998

Age	Marital Status of Woman						Un- known
	Total	Never Married	Married	Widowed	Divorced	Separated	
Total	3,237	1,837	608	15	505	252	20
Under 15	19	18	0	0	0	1	0
Total 15 to 19	588	546	18	0	10	9	5
15-17	194	190	2	0	0	1	1
18-19	394	356	16	0	10	8	4
20-24	1,027	716	139	1	82	87	2
25-29	745	348	170	2	148	72	5
30-34	494	141	145	7	153	42	6
35-39	259	51	100	3	71	33	1
40-44	90	14	28	2	38	8	0
45 and over	9	1	5	0	3	0	0
Unknown	6	2	3	0	0	0	1

Table R5. Abortions by weeks gestation and marital status of woman, residents: Utah, 1998

Weeks	Marital Status of Woman						Un- known
	Total	Never Married	Married	Widowed	Divorced	Separated	
Total	3,237	1,837	608	15	505	252	20
Under 5	41	21	7	0	8	5	0
5-6	929	498	198	6	153	73	1
7-8	1,029	582	200	3	159	79	6
9-10	746	443	137	2	111	50	3
11-12	222	125	23	4	36	29	5
13-14	112	76	13	0	13	7	3
15-20	128	79	25	0	20	4	0
21 and Over	2	1	0	0	0	0	1
Unknown	28	12	5	0	5	5	1

Table R6. Abortions by age and education of woman, residents: Utah, 1998

Age	Education of Woman				
	Total	Under 12 Years	High School	Over 12 Years	Unknown
Total	3,237	498	1,480	1,230	29
Under 15	19	19	0	0	0
Total 15 to 19	588	243	291	53	1
15-17	194	177	17	0	0
18-19	394	66	274	53	1
20-24	1,027	102	535	384	6
25-29	745	58	315	366	6
30-34	494	45	201	239	9
35-39	259	21	109	124	5
40-44	90	9	25	55	1
45 and over	9	1	1	7	0
Others	6	0	3	2	1

Table R7. Abortions by age and race of woman, residents: Utah, 1998

Age	Race of Woman						
	Total	White	Black	Asian and Pacific Islander	Native American	Other	Un-known
Total	3,237	2,675	67	229	37	47	182
Under 15	19	19	0	0	0	0	0
Total 15 to 19	588	512	15	17	4	7	33
15-17	194	173	4	3	0	3	11
18-19	394	339	11	14	4	4	22
20-24	1,027	846	19	80	17	12	53
25-29	745	598	19	54	9	13	52
30-34	494	404	10	40	1	12	27
35-39	259	208	3	31	3	2	12
40-44	90	75	1	7	2	1	4
45 and over	9	8	0	0	0	0	1
Unknown	6	5	0	0	1	0	0

Table R8. Abortions by weeks gestation and race of woman, residents: Utah, 1998

Weeks	Race of Woman						
	Total	White	Black	Asian and Pacific Islander	Native American	Other	Un-known
Total	3,237	2,675	67	229	37	47	182
Under 5	41	36	1	3	0	0	1
5-6	929	781	19	77	5	5	42
7-8	1,029	851	23	76	9	18	52
9-10	746	604	15	45	13	14	55
11-12	222	183	3	11	7	5	13
13-14	112	93	0	6	3	2	8
15-20	128	104	4	10	0	2	8
21 and Over	2	2	0	0	0	0	0
Unknown	28	21	2	1	0	1	3

**Table R9. Abortions by age of woman and number of prior live births, residents:
Utah, 1998**

Age	Prior Live Births							Un- known
	Total	None	One	Two	Three	Four	Five or More	
Total	3,237	1,359	790	670	264	95	48	11
Under 15	19	19	0	0	0	0	0	0
Total 15 to 19	588	463	109	14	1	0	0	1
15-17	194	180	14	0	0	0	0	0
18-19	394	283	95	14	1	0	0	1
20-24	1,027	502	330	152	37	4	1	1
25-29	745	231	198	210	78	22	3	3
30-34	494	95	100	169	85	30	11	4
35-39	259	32	43	86	46	30	21	1
40-44	90	13	9	34	16	8	10	0
45 and over	9	2	0	3	1	1	2	0
Unknown	6	2	1	2	0	0	0	1

**Table R10. Abortions by age of woman and number of prior abortions, residents:
Utah, 1998**

Age	Prior Abortions							Un- known
	Total	None	One	Two	Three	Four	Five or More	
Total	3,237	2,084	722	252	100	34	35	10
Under 15	19	18	1	0	0	0	0	0
Total 15 to 19	588	519	63	5	0	0	0	1
15-17	194	181	11	2	0	0	0	0
18-19	394	338	52	3	0	0	0	1
20-24	1,027	711	232	58	18	5	1	2
25-29	745	414	200	78	34	10	8	1
30-34	494	244	132	63	28	10	13	4
35-39	259	122	68	35	15	7	11	1
40-44	90	45	26	11	5	2	1	0
45 and over	9	7	0	2	0	0	0	0
Unknown	6	4	0	0	0	0	1	1

**Table R11. Abortions by weeks gestation and number of prior abortions, residents:
Utah, 1998**

Weeks	Prior Abortions							Un- known
	Total	None	One	Two	Three	Four	Five or More	
Total	3,237	2,084	722	252	100	34	35	10
Under 5	41	26	7	6	1	1	0	0
5-6	929	566	243	69	21	12	16	2
7-8	1,029	695	199	76	34	9	13	3
9-10	746	479	162	68	27	6	2	2
11-12	222	143	54	16	5	1	1	2
13-14	112	77	25	5	4	1	0	0
15-20	128	78	24	12	7	3	3	1
21 and Over	2	2	0	0	0	0	0	0
Unknown	28	18	8	0	1	1	0	0

Table R12. Abortions by age of woman and reason for termination, residents: Utah, 1998

Age	Total	Reason for Termination							Un-known
		Maternal Life Endangered	Thera-peutic	Fetal Malform-ation	Rape	Incest	Elective	Other	
Total	3,237	5	3,184	5	28	1	0	1	13
Under 15	19	0	16	0	3	0	0	0	0
Total 15 to 19	588	2	572	0	9	1	0	0	4
15-17	194	1	185	0	6	1	0	0	1
18-19	394	1	387	0	3	0	0	0	3
20-24	1,027	2	1,015	1	8	0	0	0	1
25-29	745	0	735	2	4	0	0	0	4
30-34	494	0	487	1	4	0	0	1	1
35-39	259	0	259	0	0	0	0	0	0
40-44	90	1	88	0	0	0	0	0	1
45 and over	9	0	9	0	0	0	0	0	0
Unknown	6	0	3	1	0	0	0	0	2

Table R13. Abortions by weeks gestation and reason for termination, residents: Utah, 1998

Weeks	Total	Reason for Termination							Un-known
		Maternal Life Endangered	Thera-peutic	Fetal Malform-ation	Rape	Incest	Elective	Other	
Total	3,237	5	3,184	5	28	1	0	1	13
Under 5	41	0	41	0	0	0	0	0	0
5-6	929	1	919	1	7	1	0	0	0
7-8	1,029	2	1,016	0	7	0	0	0	4
9-10	746	1	733	0	9	0	0	0	3
11-12	222	0	215	0	3	0	0	0	4
13-14	112	0	112	0	0	0	0	0	0
15-20	128	1	121	4	2	0	0	0	0
21 and over	2	0	0	0	0	0	0	0	2
Unknown	28	0	27	0	0	0	0	1	0

Table R14. Abortions by age of woman and weeks gestation, residents: Utah, 1998

Age	Weeks Gestation									Un- known
	Total	Under 5	5-6	7-8	9-10	11-12	13-14	15-20	21 and Over	
Total	3,237	69	929	1,029	746	222	112	128	2	0
Under 15	19	0	3	2	9	1	1	3	0	0
Total 15 to 19	588	10	123	202	153	39	33	26	2	0
15-17	194	1	29	65	66	15	9	8	1	0
18-19	394	9	94	137	87	24	24	18	1	0
20-24	1,027	18	279	332	240	81	33	44	0	0
25-29	745	18	223	227	173	54	22	28	0	0
30-34	494	10	170	154	100	31	16	13	0	0
35-39	259	10	91	80	51	12	6	9	0	0
40-44	90	3	34	29	17	3	1	3	0	0
45 and over	9	0	5	2	1	0	0	1	0	0
Unknown	6	0	1	1	2	1	0	1	0	0

Table R15. Abortions by age of woman and method of termination, residents: Utah, 1998

Age	Method of Termination								
	Total	Dilation and Evacuation	Suction Curettage	Sharp Curettage	Medica- tion	Intra- Uterine Instillation	Hyster- ectomy	Other	Un- known
Total	3,237	271	2,928	12	2	0	0	0	24
Under 15	19	4	15	0	0	0	0	0	0
Total 15 to 19	588	64	516	3	0	0	0	0	5
15-17	194	20	171	0	0	0	0	0	3
18-19	394	44	345	3	0	0	0	0	2
20-24	1,027	87	928	5	0	0	0	0	7
25-29	745	61	677	2	0	0	0	0	5
30-34	494	35	452	1	1	0	0	0	5
35-39	259	15	242	1	0	0	0	0	1
40-44	90	4	85	0	0	0	0	0	1
45 and over	9	1	8	0	0	0	0	0	0
Unknown	6	0	5	0	1	0	0	0	0

Table R16. Abortions by weeks gestation and method of termination, residents: Utah, 1998

Weeks	Method of Termination								
	Total	Dilation and Evacuation	Suction Curettage	Sharp Curettage	Medica- tion	Intra- Uterine Instillation	Hyster- ectomy	Other	Un- known
Total	3,237	271	2,928	12	2	0	0	0	24
Under 5	41	0	41	0	0	0	0	0	0
5-6	929	1	920	5	0	0	0	0	3
7-8	1,029	0	1,019	2	0	0	0	0	8
9-10	746	12	727	1	0	0	0	0	6
11-12	222	65	152	3	0	0	0	0	2
13-14	112	84	27	0	0	0	0	0	1
15-20	128	108	15	1	1	0	0	0	3
21 and Over	2	1	0	0	0	0	0	0	1
Unknown	28	0	27	0	1	0	0	0	0

Table R17. Abortions by age of woman and mention of any complications, residents: Utah, 1998

Age	Total	Mention of any Complication		
		Yes	No	Unknown
Total	3,237	2	3,220	15
Under 15	19	0	18	1
Total 15 to 19	588	0	585	3
15-17	194	0	192	2
18-19	394	0	393	1
20-24	1,027	0	1,023	4
25-29	745	1	741	3
30-34	494	0	493	1
35-39	259	0	258	1
40-44	90	0	89	1
45 and over	9	0	9	0
Unknown	6	1	4	1

Table R18. Abortions by age of woman and contraceptive history, residents: Utah, 1998

Age	Total	Contraceptive History		
		Yes	No	Unknown
Total	3,237	2,152	1,063	22
Under 15	19	8	11	0
Total 15 to 19	588	379	202	7
15-17	194	112	80	2
18-19	394	267	122	5
20-24	1,027	731	291	5
25-29	745	504	238	3
30-34	494	310	181	3
35-39	259	162	96	1
40-44	90	50	40	0
45 and over	9	6	3	0
Unknown	6	2	1	3

Table R19. Abortions by age of woman and omission of contraceptive, residents: Utah, 1998

Age	Total	Omitted Contraceptive		
		Yes	No	Unknown
Total	3,237	1,268	848	1,121
Under 15	19	3	6	10
Total 15 to 19	588	249	128	211
15-17	194	72	40	82
18-19	394	177	88	129
20-24	1,027	468	251	308
25-29	745	272	223	250
30-34	494	167	141	186
35-39	259	84	69	106
40-44	90	21	27	42
45 and over	9	3	1	5
Unknown	6	1	2	3

Table R20. Abortions by age of woman and method of contraceptive, residents: Utah, 1998

Age	Total	Method of Contraceptive								Un-known	Not Applicable
		Oral (pill)	Diaphragm	Foam Jelly	Condom	I U D	Surgical Sterilization	Other			
Total	3,237	767	46	117	1,173	25	18	43	31	1,063	
Under 15	19	0	0	0	8	0	0	0	0	11	
Total 15 to 19	588	128	0	5	256	0	0	2	8	202	
15-17	194	28	0	1	86	0	0	0	2	80	
18-19	394	100	0	4	170	0	0	2	6	122	
20-24	1,027	296	9	34	395	9	1	10	10	291	
25-29	745	190	8	25	263	6	5	10	6	238	
30-34	494	97	13	28	152	5	7	12	3	181	
35-39	259	46	11	17	72	3	2	8	2	96	
40-44	90	6	5	8	22	2	3	1	0	40	
45 and over	9	1	0	0	5	0	0	0	0	3	
Unknown	6	3	0	0	0	0	0	0	2	1	

Note: The totals do not add because more than one contraceptive choice is possible for each woman.

Table R21. Abortions by marital status of woman and method of contraceptive, residents: Utah, 1998

Age	Total	Method of Contraceptive								Un-known	Not Applicable
		Oral (pill)	Diaphragm	Foam Jelly	Condom	I U D	Surgical Sterilization	Other			
Total	3,237	767	46	117	1,173	25	18	43	31	1,063	
Never Married	1,837	427	14	53	753	6	1	18	13	593	
Married	608	141	16	23	183	6	11	11	6	202	
Widowed	15	2	0	1	4	1	0	1	0	7	
Divorced	505	137	9	28	162	9	3	11	1	158	
Separated	252	58	7	12	69	3	2	2	2	97	
Unknown	20	2	0	0	2	0	1	0	9	6	

Note: The totals do not add because more than one contraceptive choice is possible for each woman.

Table R22. Abortions by number of prior abortions and prior live births and method of contraceptive, residents: Utah, 1998

Births Now Living/ Prior Aabortions	Method of Contraceptive									
	Total	Oral (pill)	Diaphram	Foam Jelly	Condom	I U D	Surgical Steril- ization	Other	Un- known	Not Applicable
Total	3,237	767	46	117	1,173	25	18	43	31	1,063
No Abortions	2,084	471	25	55	758	16	10	20	22	735
No Live Births	990	203	10	17	437	1	0	5	12	337
One Live Birth	497	129	4	16	161	5	0	6	5	166
More than One Birth	594	139	11	22	159	10	10	9	5	230
Births Unknown	3	0	0	0	1	0	0	0	0	2
One Abortion	722	190	12	40	268	6	6	16	5	196
No Live Births	258	79	3	10	116	1	0	2	4	54
One Live Birth	192	53	3	10	62	2	0	7	1	56
More than One Birth	271	58	6	20	89	3	6	7	0	86
Births Unknown	1	0	0	0	1	0	0	0	0	0
More Than One Abortion	420	102	9	20	144	2	2	7	4	129
No Live Births	110	34	3	7	42	0	0	2	3	24
One Live Birth	99	26	2	2	36	1	1	1	0	31
More than One Birth	211	42	4	11	66	1	1	4	1	74
Abortions Unknown	10	4	0	2	3	1	0	0	0	2
No Live Births	1	0	0	1	1	0	0	0	0	0
More than One Birth	2	0	0	0	0	0	0	0	0	2
Births Unknown	7	4	0	1	2	1	0	0	0	0
Others	1	0	0	0	0	0	0	0	0	1
More than One Birth	1	0	0	0	0	0	0	0	0	1

Note: The totals do not add because more than one contraceptive choice is possible for each woman.

Table R23. Abortions by education of woman and method of contraceptive, residents: Utah, 1998

Age	Method of Contraceptive									
	Total	Oral (pill)	Diaphram	Foam Jelly	Condom	I U D	Surgical Steril- ization	Other	Un- known	Not Applicable
Total	3,237	767	46	117	1,173	25	18	43	31	1,063
Under 12 Years	492	87	0	8	175	0	0	5	2	215
High School	1,480	375	13	49	496	10	6	21	14	517
Over 12 Years	1,230	300	31	59	497	13	12	17	12	314
Unknown	35	5	2	1	5	2	0	0	3	17

Note: The totals do not add because more than one contraceptive choice is possible for each woman.

1998 Technical Appendix:
Abortions



Technical Appendix

The National Center for Health Statistics (NCHS), United States Department of Health and Human Services, has coordinated and supported the Vital Statistics Cooperative Program since its inception in 1914. This program provides for the exchange of a vital record between the state where the vital event occurred and the state where the person of record resides. The agreement to exchange reports of induced abortions between the state where the abortion occurs and the woman's state of residence is not as well supported as other agreements like the exchange of birth and death certificates. This is primarily due to the lack of an adequate reporting system for induced abortions in many states.

Between 1975 and 1980, Utah's annual abortion reports were limited to resident events which occurred in Utah; however, since 1981 the Office of Vital Records and Statistics has sought and received abortion data about its residents which have occurred out of state. These numbers are small and suggest an undercount of Utah's resident abortions (see Technical appendix table 1). All abortions to Utah residents which are reported from other states are included in Utah's resident totals for 1998. However, we do not know if all abortions which occurred in other states to Utah residents have been reported.

Technical appendix table 1. Reported abortions, occurrences out of state, residents: Utah 1981-1998

Year	Total	CO	ID	IN	KS	KY	NE	NM	OR	WA	WY	Other
1981	71	71	0	*	*	*	*	0	0	0	0	0
1982	62	62	0	*	*	*	*	0	0	0	0	0
1983	70	70	0	*	*	*	*	0	0	0	0	0
1984	85	85	0	*	*	*	*	0	0	0	0	0
1985	117	117	0	*	*	*	*	0	0	0	0	0
1986	110	110	0	*	*	*	*	0	0	0	0	0
1987	78	78	0	*	*	*	*	0	0	0	0	0
1988	105	103	1	*	*	*	*	0	0	0	1	0
1989	97	93	0	*	*	*	*	2	1	0	0	1
1990	99	89	1	*	*	*	*	1	1	6	0	1
1991	111	104	1	*	*	*	*	2	0	1	0	3
1992	91	83	3	*	*	*	*	0	0	2	0	3
1993	88	74	3	*	*	*	*	2	1	0	0	8
1994	84	76	4	*	*	*	*	1	0	0	0	3
1995	10	0	0	*	*	*	*	2	3	0	0	5
1996	11	0	2	*	*	*	*	2	3	0	0	4
1997	8	0	0	1	1	*	*	4	1	1	0	0
1998	10	0	3	0	1	1	1	1	1	1	0	0

*This state was not used as a category for the year.

Section 76-7-313, Utah Code Annotated 1953 as amended requires that the report of induced termination of pregnancy (Figure 1) be filed with the State of Utah's Department of Health within ten days after the abortion.

For both the summary and reference tables, data are tabulated by health district as well as county of residence to meet the needs of district health departments.

Population data are from the Demographic and Economic Analysis section of the Governor's Office of Planning and Budget at internet site http://www.qget.state.ut.us/projections/Downloads/DownloadArea/SYA_Files/, May 9, 1997.

Formulas used to compute rates and ratios used in this report are defined as follows:

$$\text{Abortion Rate} = \frac{\text{Total Number of Induced Abortions to Resident Females (1,000)}}{\text{Total Number of Resident Females 15-44 Years of Age}}$$

$$\text{Abortion Ratio} = \frac{\text{Total Number of Induced Abortions to Resident Females (1,000)}}{\text{Total Number of Live Births to Resident Females}}$$

²http://www.qget.state.ut.us/projections/Downloads/DownloadArea/SYA_Files/

Figure 1





UTAH DEPARTMENT OF HEALTH
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ADDRESS CORRECTION REQUESTED